

ANNUAL REPORT FOR 2006



**Smith Creek Parkway
New Hanover County
TIP No. U-92A and B
CAMA permit No. 178-00**



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December 2006

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SUMMARY

The Smith Creek Parkway Mitigation Site (U-92A & B) is located in New Hanover County. This is an annual report for temporary impacts associated with the construction of the Smith Creek Parkway. The site was completed in April 2006.

The temporary impacts encompass approximately 1.2 acres. The areas that were impacted are being monitored to ensure that it re-attains wetland jurisdictional status. No hydrologic monitoring is required for this site; however, vegetation monitoring is required for three years.

After the first year of monitoring, the Smith Creek Parkway site shows by visual observation that the temporarily impacted areas are re-attaining wetland jurisdictional status.

NCDOT recommends continuing vegetation monitoring of this site.

1.0 INTRODUCTION

1.1 Project Description

The Smith Creek Parkway Site (U-92A & B) is located in New Hanover County. This is an annual report for temporary impacts associated with the construction of the Smith Creek Parkway (Figure 1).

1.2 Purpose

In order for a temporarily impacted site to be considered successful, the site must re-attain wetland jurisdictional status. This report details the vegetation monitoring in 2006 at the Smith Creek Parkway site. Hydrologic monitoring was not required for this site.

1.3 Project History

April 2006	Project Completed
May 2006	Vegetation Monitoring (1 year)

2.0 VEGETATION: SMITH CREEK PARKWAY SITE (YEAR 1 MONITORING)

2.1 Success Criteria

Due to the possibility that compaction, mechanized clearing, and/or other site alterations might prevent the temporary wetland impact area from re-attaining wetland jurisdictional status, the permittee shall provide an annual update on the wetland areas temporarily impacted by this project. This annual update will consist of photographs and a brief report on the progress of the temporarily impacted areas. After three years of monitoring, the permittee shall schedule a field meeting with DCM, DWQ, and WRC to determine if the temporarily impacted areas have re-attained jurisdictional wetland status. If at the end of three years the area has not re-attained jurisdictional wetland status, NC DCM and the above listed agencies shall determine whether a compensatory wetland mitigation plan will be required.

2.2 Description of Species

There were no species planted for the temporary impacts. The temporarily impacted areas were left to revegetate naturally.

2.3 Results of Vegetation Monitoring

Species noted in temporary impact areas are as follows: cattails, *Scripus* sp., black willow, phragmites, sedge, *Sagittaria* sp., *Juncus roemerianus*, sawgrass, *Juncus* sp., baldcypress, cottonwood, red maple, fennel, and various grasses.

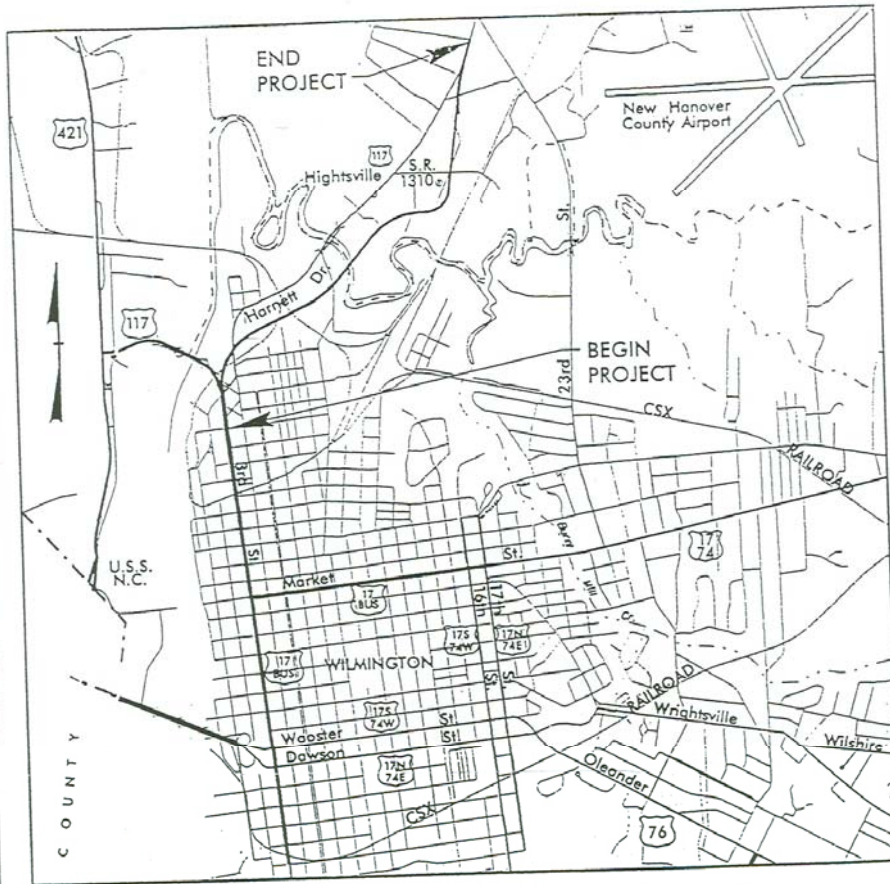
2.4 Conclusions

There were approximately 1.2 acres of temporary impacts on site. By visual observation Smith Creek Parkway site shows that natural re-vegetation is occurring and that the impacted areas are re-attaining jurisdictional wetland status.

3.0 Overall Conclusions and Recommendations

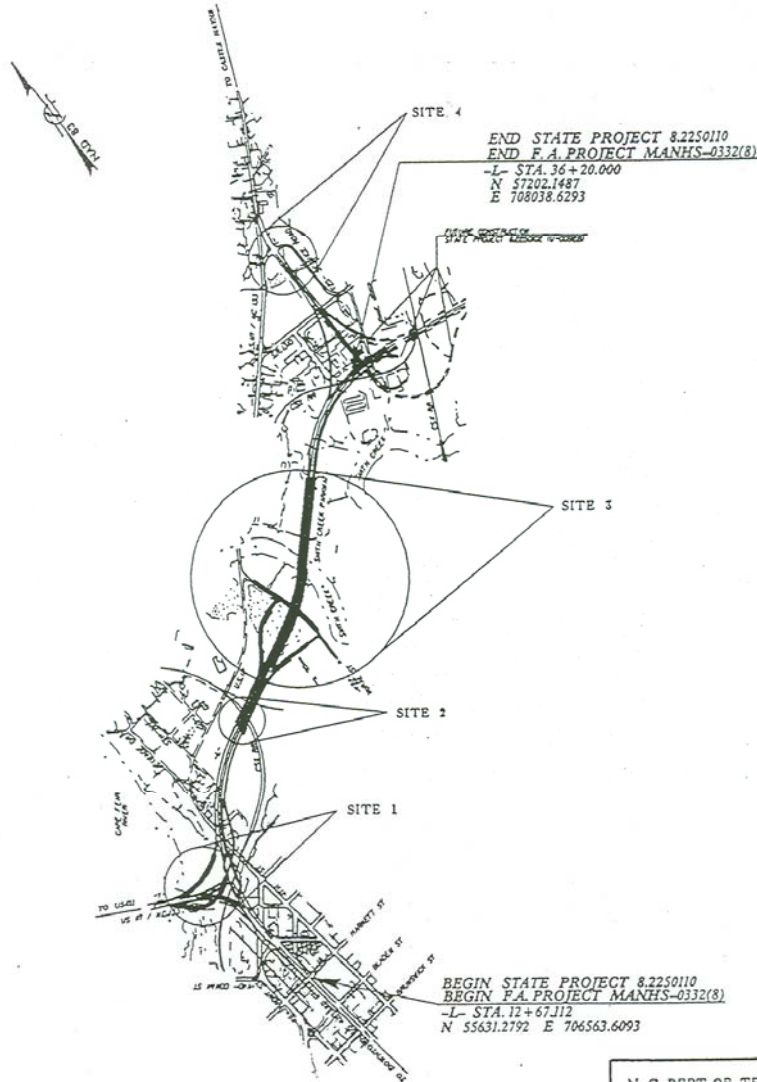
NCDOT will continue vegetation monitoring at the Smith Creek Parkway Site.

VICINITY MAP



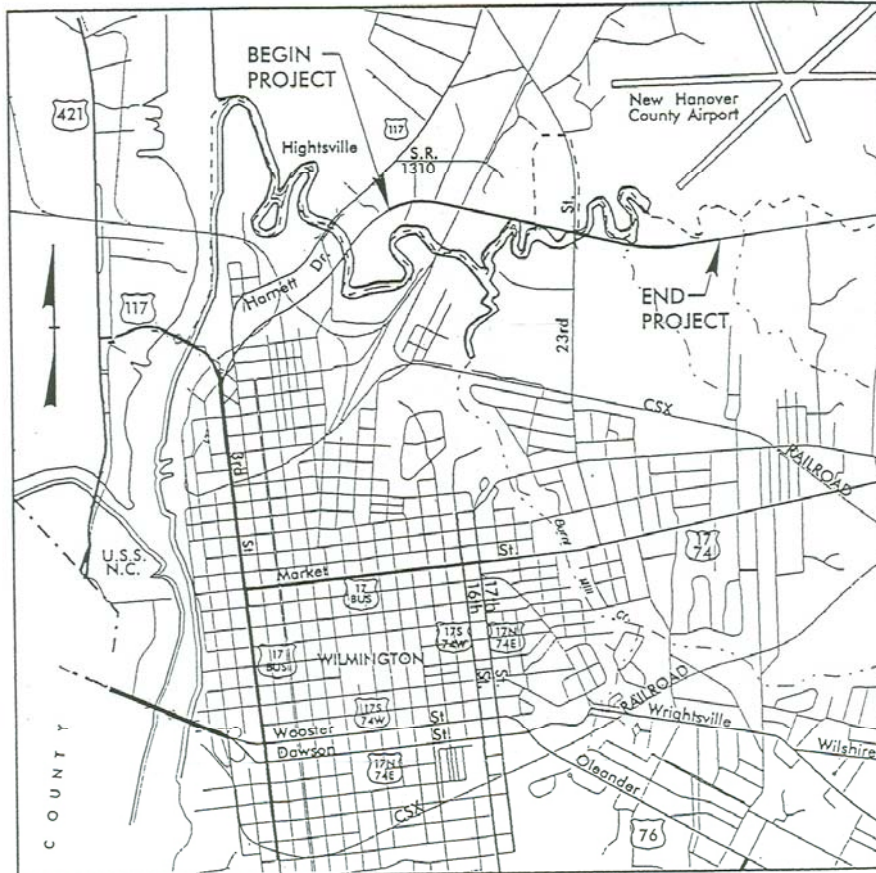
N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 NEW HANOVER COUNTY
 PROJECT: 8.2250102 (U-0092A)
 SMITH CREEK PARKWAY FROM
 BRUNSWICK STREET TO US 117
 CASTLE HAYNE ROAD.
 SHEET OF DATE

SITE MAP



N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
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 SMITH CREEK PARKWAY FROM
 BRUNSWICK STREET TO US 117
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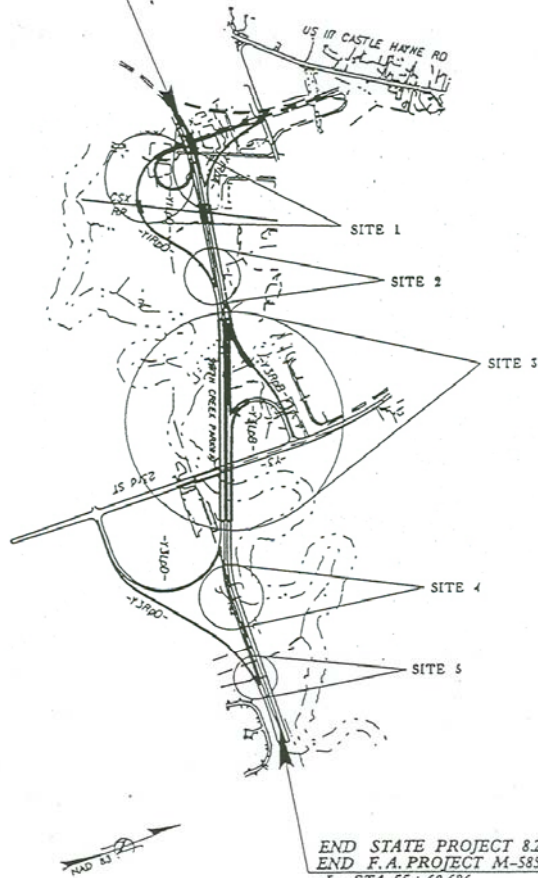
VICINITY MAP



N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 NEW HANOVER COUNTY
 PROJECT: 8.2250102 (U-0092B)
 SMITH CREEK PARKWAY FROM
 PROPOSED US 117 CONNECTOR TO
 0.85 KM EAST OF 23RD STREET.
 SHEET OF DATE

SITE MAP

BEGIN STATE PROJECT 8.2250102
 BEGIN F.A. PROJECT M-5855(1)
 -L- STA. 36+20.000
 N 57202.1487 E 708038.6294



END STATE PROJECT 8.2250102
 END F.A. PROJECT M-5855(1)
 -L- STA. 55+60.686
 N 56820.6270 E 709921.8902

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 NEW HANOVER COUNTY
 PROJECT: 8.2250102 (U-0091B)
 SMITH CREEK PARKWAY FROM
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APPENDIX A

SITE PHOTOS

Smith Creek Parkway

U-92A



Photo 1 (U-92A Site 1)



Photo 2 (U-92A Site 1)



Photo 3 (U-92A Site 2)



Photo 4 (U-92A Site 2)



Photo 5 (U-92A Site 3)



Photo 6 (U-92A Site 3)

May 2006

Smith Creek Parkway

U-92A



Photo 7 (U-92A Site 4)



Photo 8 (U-92A Site 4)

Smith Creek Parkway

U-92B



Photo 1 (U-92B Site 1)



Photo 2 (U-92B Site 1)



Photo 3 (U-92B Site 1)



Photo 4 (U-92B Site 1)



Photo 5 (U-92B Site 1)



Photo 6 (U-92B Site 1)

May 2006

Smith Creek Parkway

U-92B



Photo 7 (U-92B Site 1)



Photo 8 (U-92B Site 2)



Photo 9 (U-92B Site 3)



Photo 10 (U-92B Site 3)



Photo 11 (U-92B Site 3)



Photo 12 (U-92B Site 3)

May 2006

Smith Creek Parkway

U-92B



Photo 13 (U-92B Site 3)



Photo 14 (U-92B Site 4)